

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("sutton-robert.in.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 13:50
S3	89	(sutton near robert).in.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:50
S4	0	richardson-grant.in.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:51
S5	14	(richardson near grant).in.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:51
S6	3706	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 13:54
S7	2	"10529339"	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:55
S8	1	"4574799".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:58
S9	1	"6,729,331".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:59
S10	1	"5,769,388".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:59
S11	1	"3,633,611".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 13:59
S12	1	"4,608,976".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:00
S13	1	"5,215,286".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:00
S14	1	"3680555".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:00

S15	1	"7013891".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:00
S16	167	S6 and filters and (cover same nose same mouth)	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:02
S17	152	S6 and filters and (cover same nose same mouth) and (mask or (face adj mask) or hood)	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:03
S18	501	(128/201.12-201.15,201.17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 14:12
S19	11	S18 and filters and (cover same nose same mouth)	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:13
S20	212	(128/201.24).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 14:17
S21	9	S20 and filters and (cover same nose same mouth)	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:18
S22	1	"4,574,799".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:32
S23	90	filters with ((face adj mask) or mask) and valve and volume and "128".clas. and ((nose and mouth) or oronasal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 14:36
S24	0	filters with ((face adj mask) or mask) and valve and volume and "128".clas. and (((nose and mouth) or oronasal) near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 14:38
S25	0	((face adj mask) or mask) and valve and volume and "128".clas. and (((nose and mouth) or oronasal) near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 14:38

S26	193	((face adj mask) or mask) and valve and volume and "128".clas. and (((nose and mouth) or oronasal) same filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 14:38
S27	137	((face adj mask) or mask) and valve and volume and "128".clas. and (((nose and mouth) or oronasal) same filter) and filters	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 14:38
S28	1	"2381568".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:44
S29	16	("2381568").URPN.	USPAT	OR	OFF	2011/05/05 14:44
S30	1	"6176239".pn.	USPAT	OR	OFF	2011/05/05 14:45
S31	61	("1315515" "1395759" "2810386" "2827900" "3018776" "3633575" "4595503" "4756308" "5003973" "5033465" "5078132" "5181506" "5245993" "5350620" "5411576" "5452712" "5472481" "5647357" "5660173" "5794617" "H000863" "H001360").PN. OR ("6176239").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 14:46
S32	6	"128".clas. and (ornasal with filter) and (mask or (face adj masks) with filter)	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:49
S33	21	("20020092522" "2381568" "2810386" "3602219" "3680555" "4430995" "4534344" "4574799" "4886056" "4905683" "4926855" "4971052" "5303701" "5372130" "5592935" "5720281").PN. OR ("7013891").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 14:50
S34	6	two same filters and oronasal and "128".clas.	US-PGPUB; USPAT	OR	OFF	2011/05/05 14:54
S36	114	S6 and (filters) and purifying	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:22
S37	1	S6 and (filters) and purifying and oronasal	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:22

S38	6	S6 and (filters) and oronasal	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:23
S39	1	"6394091".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:25
S40	271	S6 and (filter\$ same (mask or (face adj mask)) and (cover same nose same mouth))	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:26
S41	5	S6 and (filter\$ same (mask or (face adj mask)) and (cover same nose same mouth)) and (filters same series)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:27
S42	5	S6 and (filter\$ same (mask or (face adj mask)) and (cover same nose same mouth)) and (two near filters)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:29
S43	0	S6 and (filter near oronasal) and (filter near (face adj mask))	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:33
S44	0	"128".clas. and (filter near oronasal) and (filter near (face adj mask))	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:33
S45	5	"128".clas. and (filter with oronasal) and (filter with ((face adj mask) or mask))	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:33
S46	1	"7261104".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:40
S47	1	"5372130".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:42
S48	116	("3525334" "3736927" "4090510" "4320755" "4331141" "4430995" "4478216" "4502480" "4549542" "4630604" "4646732" "4866056" "4971052" "5003974" "5022900" "5154168").PN. OR ("5372130").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 15:42
S49	47	(filters with respirator) and (cover same mouth same nose)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:45
S50	63	(two with filters) and biological and (purifying same air)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:48
S51	0	(scuba with filters) and (purifying same air)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:50
S52	1	(diving with filters) and (purifying same air)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:50
S53	5	(diving same filters) and (clean same air)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:51

S54	15	("4847914").URPN.	USPAT	OR	OFF	2011/05/05 15:54
S55	106	(filters) and (clean same air) and ((cover same nose same mouth) or oronasal)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:55
S56	100	(filters) and (clean same air) and ((cover same nose same mouth) or oronasal) and (mask or (face adj mask) or hood)	US-PGPUB; USPAT	OR	OFF	2011/05/05 15:56
S57	27	(filters) and (clean same air) and ((cover same nose same mouth) or oronasal) and (mask or (face adj mask) or hood) and (valve same inside same mask)	US-PGPUB; USPAT	OR	OFF	2011/05/05 16:05
S58	23	(filter near (valve or tube)) and (air) and ((cover same nose same mouth) or oronasal) and (mask or (face adj mask) or hood)	US-PGPUB; USPAT	OR	OFF	2011/05/05 16:07
S59	19	("4374301").URPN.	USPAT	OR	OFF	2011/05/05 16:09
S60	0	("2007/0163588").URPN.	USPAT	OR	OFF	2011/05/05 16:12
S61	0	DE-1708046-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 16:14
S62	1	WO-03068318-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 16:14
S63	2	"7089931".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/05 16:16

S64	12	("2810386" "3716053" "4126131" "4276877" "4352353" "4676236" "5245993" "5704073" "6085748" "6520177"). PN. OR ("7089931").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/05 16:24
S65	1	S64 and filters	US-PGPUB; USPAT	OR	OFF	2011/05/05 16:26
S66	3706	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/06 14:24
S67	259	S66 and valves and filters	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:24
S68	67	S66 and valves and filters and (cover same mouth same nose) and (mask or (face adj mask))	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:25
S69	1	"5,924,420".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:26
S70	0	S66 and valves and filters and (cover same mouth same nose) and (mask or (face adj mask)) and (tube with inside with mask)	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:29
S72	4	S66 and valves and filters and (cover same mouth same nose) and ((mask or (face adj mask)) near tube)	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:29
S73	0	S66 and (oronasal same tube same filter)	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:34
S74	0	S66 and (oronasal) and tube and filter	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:34
S75	225	S66 and (nose and mouth) and tube and filter	US-PGPUB; USPAT	OR	OFF	2011/05/06 14:34
S76	1	"3516404".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 12:42
S77	14	("3516404").URPN.	USPAT	OR	OFF	2011/05/09 12:42
S78	1	"4494538".pn.	USPAT	OR	OFF	2011/05/09 12:43
S79	3	filters and (face near mask) and (oronasal or (cover same mouth same nose)) and ((tube or conduit) near filter)	US-PGPUB; USPAT	OR	OFF	2011/05/09 13:37
S80	246	"Re." "35,062"	US-PGPUB; USPAT	OR	OFF	2011/05/09 13:39

S81	22	("2142064" "2227959" "4873972" "4883052" "4886058" "5732695" "Re35062").PN. OR ("6055983").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/09 13:39
S82	4	filt\$5 and (face near mask) and (oronasal or (cover same mouth same nose)) and ((tube or conduit) near filter)	US-PGPUB; USPAT	OR	OFF	2011/05/09 13:41
S83	6	filt\$5 with (mask or (face adj mask)) and (oronasal or (cover same mouth same nose)) and ((tube or conduit) near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/09 13:45
S84	7	filt\$5 with (mask or (face adj mask) or respirator) and (oronasal or (cover same mouth same nose)) and ((tube or conduit) near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/09 13:48
S85	7	(filt\$5 with (mask or (face adj mask) or respirator)) and (oronasal or (cover same mouth same nose)) and ((tube or conduit) near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/09 13:50
S86	6	("2235624").URPN.	USPAT	OR	OFF	2011/05/09 13:50
S87	22	("5080094").URPN.	USPAT	OR	OFF	2011/05/09 13:51
S88	23	("1587121" "4508113" "4522203" "4555811" "4589408" "4677977" "4827924" "4831664" "4833010" "4848366" "4856508" "4856509" "4945907" "5080094" "5133344" "5226409" "5857460" "5948708" "6123077" "6892725" "6978782" "H001361").PN. OR ("7311102").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/09 13:54
S89	0	((face near mask) or hood) with filters) and (filter near outside) and (filter near (oronasal or (cover same mouth same nose)))	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:07
S90	1	((face near mask) or hood) same filters) and (filter near outside) and (filter near (oronasal or (cover same mouth same nose)))	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:07

S91	1	"5372130".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:12
S93	1	"4430995".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:12
S94	1	"2381568".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:13
S95	1	"4549542".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:14
S96	1	"6435184".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:15
S97	1	"4688567".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:16
S98	1	"4502480".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:18
S99	1	"4620537".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:18
S100	1	"4945907".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:18
S101	1	"5140980".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:19
S102	1	"5694925".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:20
S103	1	"2462005".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:20
S104	1	"5562092".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:20
S105	1	"5033507".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:20
S106	1	"5771885".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:21
S107	1	"4141703".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:21
S108	1	"4098270".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:21

S109	1	"4231118".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:21
S110	1	"2665686".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:22
S111	1	"7261104".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:23
S112	1	"6978782".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 14:23
S113	1	"7013891".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/09 16:01
S114	140	"128".clas. and (filter with "one-way valve")	US-PGPUB; USPAT	OR	OFF	2011/05/09 16:18
S115	84	"128".clas. and (filter with "one-way valve") and (mask or (face adj mask))	US-PGPUB; USPAT	OR	OFF	2011/05/09 16:18
S116	32	"128".clas. and (filter with "one-way valve") and (mask or (face adj mask)) and respirator	US-PGPUB; USPAT	OR	OFF	2011/05/09 16:19
S117	19	("3059637" "3990439" "4543112" "4548626" "4686976" "4793342" "4818122" "4838262" "4850346").PN. OR ("5033507").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/09 16:20
S118	3706	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/09 16:47
S119	7	oronasal with (tube or conduit) and S118	US-PGPUB; USPAT	OR	OFF	2011/05/09 16:47
S120	2	(oronasal same ((tube or conduit) with filter)) and S118	US-PGPUB; USPAT	OR	OFF	2011/05/09 17:03
S121	73	(mask same ((tube or conduit) with filter)) and S118	US-PGPUB; USPAT	OR	OFF	2011/05/09 17:03
S122	3707	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/10 10:41
S123	0	(oronasal or (cover same mouth same nose)) and S122 with ((conduit or tube) same filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 10:41
S124	49	(oronasal or (cover same mouth same nose)) and S122 and ((conduit or tube) same filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 10:41

S125	203	S122 and ((conduit or tube) same filter) and mask	US-PGPUB; USPAT	OR	OFF	2011/05/10 10:56
S126	25	S122 and ((conduit or tube) near filter) and mask	US-PGPUB; USPAT	OR	OFF	2011/05/10 10:57
S127	3707	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/10 14:46
S128	5	S127 and (oronasal with filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 14:46
S129	2	S127 and (oronasal near filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 14:46
S130	0	S127 and ((cover same mouth same nose) near filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 14:47
S131	0	"128".clas. and ((cover same mouth same nose) near filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 14:47
S132	9	"128".clas. and ((oronasal) same filter)	US-PGPUB; USPAT	OR	OFF	2011/05/10 14:48
S133	106	(filter with mask with tube) and "128".clas.	US-PGPUB; USPAT	OR	OFF	2011/05/10 16:08
S134	48	(filter with mask with tube) and "128".clas. and respirator	US-PGPUB; USPAT	OR	OFF	2011/05/10 16:09
S136	1	WO-03068318-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/10 16:47
S138	1	WO03/068318	US-PGPUB; USPAT	OR	OFF	2011/05/10 16:51
S139	1	WO03/068318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/10 16:51

S140	1	"5562092".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/11 09:32
S141	1	"7213595".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/11 09:32
S142	1	"20060096597"	US-PGPUB; USPAT	OR	OFF	2011/05/11 09:33
S143	1	"5924420".pn.	US-PGPUB; USPAT	OR	OFF	2011/05/11 09:34
S144	3768	(128/205.27-205.29,206.11- 206.19,207.17,207.19,204.17,201.24,201.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/21 14:34
S145	13	S144 and filter and oronasal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/21 14:35
S146	1767	S144 and filters	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/21 14:36
S147	941	S144 and filters and nose and mouth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/21 14:36
S148	389	S144 and filters and nose and mouth and volumes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/21 14:37

S149	226	S144 and filters and nose and mouth and volumes and (conduit or pipe or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/21 14:38
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